

1. The geared segments with variable gear (drive) ratio are aimed for use mainly in mechanical machines, motors and pumps where is required a variable gear ratio during one revolution that are formed of a driving shaft and driven shaft that are characteristic by the fact that on the driven shaft (11) is in the axis of rotation placed a collapsible driving eccentric geared segment (1) with a driving gearing (12) that is formed of at least three driving cogs (121) from which at least one is meshed with at least one driving cog (221) of the external driven gearing (22) that is formed on the periphery of co-engaged (meshed) driven eccentric geared segment (2) while in the driven eccentric geared segment (2) in the axis of rotation is placed a driven shaft (21).

2. The geared segment with variable gear ratio according to claim 1, is characteristic by the fact that the number of cogs (121) of the driven eccentric geared segment (1) is identical with the number of cogs (221) of the driven eccentric geared segment (2).

3. The geared segments with variable gear ratio according to claims 1 which are characteristic by the fact that the axis of rotation of the driving shaft (11) is moved outside of the center axis of the driving eccentric geared segment (1) and the axis of rotation of driven shaft (21) is moved outside of the center axis of driven eccentric geared segment (2).

4. The geared segments with variable gear ratio according to claim 2 which are characteristic by the fact that the axis of rotation of the driving shaft (11) is moved outside of the center axis of the driving eccentric geared segment (1) and the axis of rotation of driven shaft (21) is moved outside of the center axis of driven eccentric geared segment (2).